



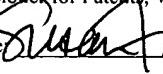
YOR920000383US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicants(s): Bolle et al.
Attorney Docket No.: YOR920000383US2
Serial No.: 10/623,926
Filing Date: July 21, 2003
Group: 3621
Examiner: Jalatee Worjloh

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

Signature  Date: February 13, 2006

Title: Business System and Method Using a Distorted Biometrics

TRANSMITTAL OF POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are the following documents relating to the above-identified patent application:

1. Power of Attorney;
2. Statement Under 37 C.F.R. § 3.73(b);
3. Letter of Authority; and
4. Copy of Assignment from Bolle et al. to IBM.

Please note that the assignment recorded at Reel 010926 Frame 0168 was in the parent case 09/596,085, now abandoned. A copy is attached as item No. 4.

There is no additional fee due in connection with this submission. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Lenovo Inc. Deposit Account No. 50-3533** as required to correct the error. A duplicate copy of this letter is enclosed.

Respectfully submitted,



Paul J. Otterstedt
Attorney for Applicants
Reg. No. 37,411
Ryan, Mason & Lewis, LLP
1300 Post Road, Suite 205
Fairfield, CT 06824
(203) 255-6560

Date: February 13, 2006



FEB 15 2006

PTO/SB/80 (01-06)
Approved for use through 12/31/2008 OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

Practitioners associated with the Customer Number:

OR

Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number
Carlos Munoz-Bustamante	51,349	Wayne L. Ellenbogen	43,602
Scott W. Reid	42,098	Paul J. Otterstedt	37,411
Joseph R. Ryan	37,922	Robert W. Griffith	48,956
Kevin M. Mason	36,597		
William E. Lewis	39,274		

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

The addressee associated with Customer Number:

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Ryan, Mason & Lewis, LLP		
Address	1300 Post Road, Suite 205		
City	Fairfield	State	Zip 06824
Country	USA		
Telephone	(203) 255-6560	Email	

Assignee Name and Address: Lenovo (Singapore)
c/o Scott W. Reid
Counsel, Intellectual Property Law
Lenovo (United States), Inc.
4401 Silicon Drive
Durham, NC 27709

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature:	Date Feb. 10, 2006
Name: Scott W. Reid	Telephone (919) 991-3502
Title: Counsel, Intellectual Property Law	

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2



PTO/SB/96 (12-05)

Approved for use through 07/31/2008 OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Lenovo (Singapore) PTE LtdApplication No /Patent No /Control No.: 10/623,828 Filed/Issue Date: July 21, 2003Entitled: Business System and Method Using a Distorted Biometrics
(which is a 37 CFR 1.53(b) CON of 09/596,085)Lenovo (Singapore) PTE Ltd, a Corporation
(Name of Assignee) (Type of Assignee: corporation partnership university government agency etc)

states that it is:

- 1 the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____ Frame _____, or a true copy of the original assignment is attached

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:1. From: Bolle et al. To: IBM Corporation (Parent case- copy attached)
The document was recorded in the United States Patent and Trademark Office at
Reel 010926, Frame 0188, or for which a copy thereof is attached.2 From: IBM Corporation To: Lenovo (Singapore) PTE Ltd
The document was recorded in the United States Patent and Trademark Office at
Reel 016891, Frame 0507, or for which a copy thereof is attached.3 From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee

Signature

Feb. 10 2006

Date

Scott W. Reid

(919) 991-3502

Printed or Typed Name

Telephone Number

Counsel Intellectual Property Law

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

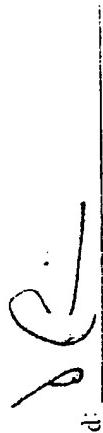
If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



LETTER OF AUTHORITY

We, Lenovo (Singapore) Pte. Ltd., do hereby delegate the authority to approve and execute documents on behalf of Lenovo (Singapore) Pte. Ltd. relating to proceedings in the Patent, Trademark Registration or Copyright Offices serving any country or region of the world, or to related appeal proceedings, including, but not limited to petitions, power of attorney, authorizations, verification, nominations of representatives; declarations, documents relating to maintenance of the resulting industrial property rights, assignments of rights to apply for and acquire patents and trademark registrations, and evidence of such assignments, requests for the registration of patents as available for licensing; to Scott W. Reid, United States patent attorney, Lenovo (United States), RTP, NC, U.S.A.

Date: 11th Feb 2005



Signed: _____
Damuan Glendinning
Vice-President and Treasurer
For and on behalf of Lenovo (Singapore) Pte. Ltd.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 08, 2000

PTAS



101412210A

IBM CORPORATION
LOUIS J. PERCELLO
INTELLECTUAL PROPERTY LAW
P.O. BOX 218
YORKTOWN HEIGHTS, NEW YORK 10598

YORG-2000-0383

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/16/2000

REEL/FRAME: 010926/0168
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

BOLLE, RUDOLF MAARTEN

DOC DATE: 06/16/2000

ASSIGNEE:

CONNELL, JONATHAN H.

DOC DATE: 06/13/2000

ASSIGNEE:

RATHA, NALINI K.

DOC DATE: 06/13/2000

ASSIGNEE:

PERCELLO, LOUIS J.

DOC DATE: 06/16/2000

ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES
CORPORATION
NEW ORCHARD ROAD
ARMONK, NEW YORK 10504

SEARCHED
INDEXED
MAILED
FILED
SERIAL NO. 09596085
ISSUE DATE: 06/16/2000

SERIAL NUMBER: 09596085

PATENT NUMBER:

FILING DATE: 06/16/2000

ISSUE DATE:

010926/0168 PAGE 2



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



07-24-2000



Docket No. YOR9-2000-0383US1

6-16-00

101412210

COVER SHEET

PRO

U.S.

JC571 09/596083



To The Honorable Commissioner of Patents and Trademarks:
 Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

RUDOLF MAARTEN BOLLE, JONATHAN H.
 CONNELL, NALINI K. RATHA,
 LOUIS J. PERCELLO

Additional name(s) of conveying
 party(ies) attached? Yes No

3. Nature of conveyance:

Assignment

Execution Date(s): June 16, 2000,
June 13, 2000, June 13, 2000,
June 16, 2000

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: LOUIS J. PERCELLO
 Address: IBM Corporation
 Intellectual Property Law
 P.O. Box 218
 Yorktown Heights, NY 10598

2. Name and address of receiving party(ies):

Name: International Business
 Machines Corporation
 Address: New Orchard Road
 Armonk, NY 10504

Additional name(s) & addresses attached? Yes No

4. Patent Application number(s)

/
 Execution Date(s): June 16, 2000,
June 13, 2000, June 13, 2000,
June 16, 2000

6. Total number of applications involved: 1

7. Total fee (37 CFR 3.41): \$40.00

Charge to Deposit Account No.:

09-0468

09596083

DO NOT USE THIS SPACE

8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document

LOUIS J. PERCELLO (Req. No. 33,206)

Name of Person Signing

Louis J. Perello 6/16/00

Signature

Date

Total Number of pages including cover sheet,
 attachments, and document: 4

07/24/2000 MTHAI1 00000019 090468 09596085

DO NOT DETACH THIS PORTION

01 FO:581

40.00 CH

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
 Box Assignments
 Washington, DC 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, DC 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, DC 20503.

Assignment

Whereas, we

INVENTOR
AND CITY

(1) Rudolf M. Bolle
County of Westchester

of Bedford Hills
and State of New York

INVENTOR
AND CITY

(2) Jonathan H. Connell
County of Westchester

of Cortlandt Manor
and State of New York

INVENTOR
AND CITY

(3) Nalini K. Ratha
County of Westchester

of White Plains
and State of New York

INVENTOR
AND CITY

(4) Louis J. Percello
County of Westchester

of Armonk
and State of New York

TITLE

have invented certain improvements in
BUSINESS SYSTEM AND METHOD USING A DISTORTED BIOMETRICS
and executed, respectively, a United States patent application therefor on

DATES THAT

(1) June 16 , 2000 , (2) June 13 , 2000 ,

INVENTORS

(3) June 13 , 2000 and (4) June 16 , 2000 .

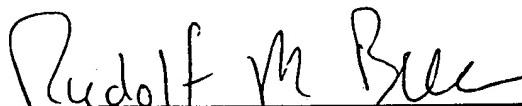
SIGNED THE
DECLARATION

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

CITY AND
DATE

(1) at *Yoncktown Hts, NY*
on June 16 , 2000,

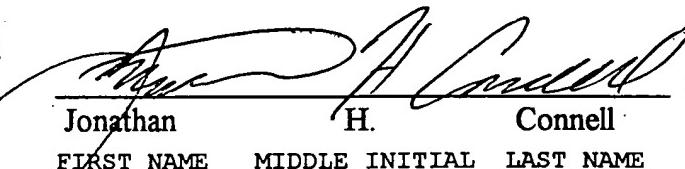


Rudolf M. Bolle
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE

CITY AND
DATE

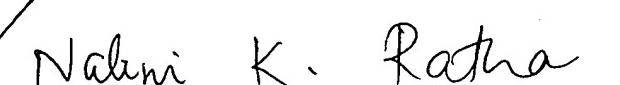
(2) at Yorktown Hts, NY
on June 13, 2000,


Jonathan H. Connell
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE

CITY AND
DATE

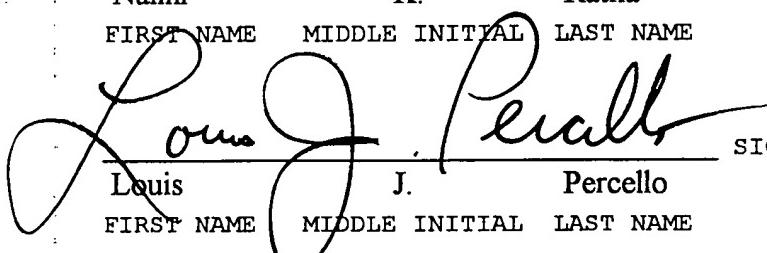
(3) at Yorktown Hts, NY
on June 13, 2000,


Nalini K. Ratha
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE

CITY AND
DATE

(4) at Yorktown
on , 2000,


Louis J. Percello
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE

State of New York)ss.:
County of Westchester)

(1) On this 16th day of June, 2000, before me personally came RUDOLF M. BOLLE to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.



Notary

KATHLEEN COGNATELLO
NOTARY PUBLIC, State of New York
No. 01CO6034770
Qualified in Westchester County
Commission Expires Dec. 20, 2001

State of New York)ss.:
County of Westchester)

(2) On this 13th day of June, 2000, before me personally came JONATHAN H. CONNELL to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.



Notary

KATHLEEN COGNATELLO
NOTARY PUBLIC, State of New York
No. 01CO6034770
Qualified in Westchester County
Commission Expires Dec. 20, 2001

State of New York)ss.:
County of Westchester)

- (3) On this 13th day of June, 2000, before me personally came NALINI K. RATHA to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Kathleen Cognatello

Notary

KATHLEEN COGNATELLO
NOTARY PUBLIC, State of New York
No. 01CO6034770
Qualified in Westchester County
Commission Expires Dec. 20, 2001

State of New York)ss.:
County of Westchester)

- (4) On this 16th day of June, 2000, before me personally came LOUIS J. PERCELLO to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Kathleen Cognatello

Notary

KATHLEEN COGNATELLO
NOTARY PUBLIC, State of New York
No. 01CO6034770
Qualified in Westchester County
Commission Expires Dec. 20, 2001